

# Machine Studies

## Schedule for Run03-1, 2011

September 27th 0800 – October 4th 0800

Time	Descriptions	Studiers	SR Status
	<b>Tuesday, September 27, 2011</b>		
	RF conditioning with stored beam		Stored beam & inj.
	<b>Wednesday, September 28, 2011</b>		
0000-0400	BPLD validation.	Bui	Stored Beam & Injection
0400-0900	Initial bpm system checkout.	Decker	Stored Beam & Injection
0900-1200	X-ray bpm checkout.	Hahne	Stored Beam
0900-1200	Kx down mode file creation	Pasky	Limited Injection
1200-1800	Orbit recovery.	Xiao Sajaev	Stored Beam & Injection
1800-2000	Bunch purity monitor setup.	Yang	Stored Beam & Injection
2000-2400	Investigate +1 bucket purity.	Yao	Stored Beam & Injection
	<b>Thursday, September 29, 2011</b>		
0000-0500	Aperture Scan studies	Harkay Boon	Stored Beam & Injection
0500-0600	OPEN		
0600-0615	Restart NFS services on Accel servers helios and selene.	Thurman	No new connections to network
0615-0800	X-ray bpm checkout.	Hahne	Stored Beam

0615-0800	Kx down mode file creation	Pasky	Limited Injection
0800-1200	PSS shutter checkouts	SI group	No Beam
0800-1000	Connect to 352MHz source and line amplifier in Bldg420 RmA014	Yoder	No beam
0800-1200	Access to replace Linac water load	Pasky	Linac ACCESS
0800-1000	Test CPU code	Smith	No Beam
0800-0900	RF waveguide switch	RF Group	No Beam
0900-1100	Reboot several RF-related IOC	DiMonte	No beam
1200-1400	SR training.	Mazzio	Stored Beam & Injection
1400-2200	Intermediate bpm system checkout.	Decker	Stored Beam & Injection
2200-2400	Set up 24 singlets lattice.	Sajaev	Stored Beam & Injection
<b>Friday, September 30, 2011</b>			
0000-0200	Set up 24 singlets lattice (continued)	Sajaev	Stored Beam & Injection
0200-0700	Continue orbit recovery	Xiao	Stored Beam & Injection
0700-0900	SR training.	Mazzio	Stored Beam & Injection
0900-1100	Install and test booster dipole card.	Wang Yao	Stored Beam & Injection
1100-1500	4NLSS lattice study.	Sajaev	Stored Beam & Injection
1500-1800	Test effect of RF system state on booster QD/QF.	Yao	Stored Beam & Injection
1800-2000	SR training.	Bogdan	Stored Beam & Injection
2000-2400	Continue conditioning RF with beam (gaps will be disabled in software)	OPS	Stored Beam & Injection
<b>Saturday, October 01, 2011</b>			
0000-0800	Continue conditioning RF with beam (gaps will be disabled in software)	OPS	Stored Beam & Injection
0800-1600	CPU setup 1	Xiao	Stored beam &

			<b>injection</b>
<b>1600-1800</b>	<b>SR training.</b>	<b>Bogdan</b>	<b>Stored Beam &amp; Injection</b>
<b>1800-2400</b>	<b>BPM studies</b>	<b>Decker</b>	<b>Stored beam &amp; injection</b>
<b>Sunday, October 02, 2011</b>			
<b>0000-1000</b>	<b>OPEN</b>		
<b>1000-1600</b>	<b>CPU setup 2.</b>	<b>Xiao</b>	<b>Stored Beam &amp; Injection</b>
<b>1600-1800</b>	<b>SR training.</b>	<b>Bogdan</b>	<b>Stored Beam &amp; Injection</b>
<b>1800-2400</b>	<b>Topup verification.</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>
<b>Monday, October 03, 2011</b>			
<b>0000-0200</b>	<b>Topup verification.</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>
<b>0200-0400</b>	<b>SR PEM verification.</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>
<b>0400-0700</b>	<b>Kx down mode file creation</b>	<b>Pasky</b>	<b>Limited injection</b>
<b>0700-0900</b>	<b>SR training</b>	<b>Mazzio</b>	<b>Stored beam &amp; injection</b>
<b>0900-0930</b>	<b>Restore MPS hardware limit</b>	<b>Smith, Marty</b>	<b>No SR beam</b>
<b>0900-1000</b>	<b>Bldg. 420 RF waveguide switch</b>	<b>Cours</b>	<b>No SR beam</b>
<b>1100-1500</b>	<b>RTFB study.</b>	<b>Sereno Decker</b>	<b>Stored Beam &amp; Injection</b>
<b>1500-1900</b>	<b>Final bpm system checkout.</b>	<b>Decker</b>	<b>Stored Beam &amp; Injection</b>
<b>1900-2100</b>	<b>Final optics setup.</b>	<b>Yang</b>	<b>Stored Beam &amp; Injection</b>
<b>2100-2300</b>	<b>SR training.</b>	<b>Bogdan</b>	<b>Stored Beam &amp; Injection</b>
<b>2300-2400</b>	<b>OPEN</b>		
<b>Tuesday, October 04, 2011</b>			
<b>0000-0400</b>	<b>Final lattice setup.</b>	<b>Xiao</b>	<b>Stored Beam &amp;</b>

			<b>Injection</b>
<b>0400-0600</b>	<b>OPEN</b>		
<b>0600-0800</b>	<b>Prepare for user Operations (24 singlets – Top-Up)</b>	<b>Ops</b>	<b>Stored Beam &amp; Injection</b>